

ST. VINCENT PALLOTTI SCHOOL, NASHIK

AI(417) Split -Up Syllabus (2026-27)

Text: Explore AI and Robotics

Class– VI

Kips Publication

Month	Days	Chapters	Activities	Exam Portion
April	22	Digital Literacy Artificial Intelligence & Coding Chp1. Mastering Google Sheets Story Time: Collaborating for Zero Hunger with Google Sheets — SDG2 Google Sheets Formulas Cell Range Cell Reference Functions Common Errors in Google Sheets Sharing a Google Sheet	Lab Session: Applying Functions in Google Sheets Practice Zone: Inventory Management	
June	09	Artificial Intelligence and Coding Chp2. Overview of AI Story Time: Understanding Intelligence Natural Intelligence Human Intelligence Artificial Intelligence (AI) Human Intelligence Versus Artificial Intelligence Automation Difference Between Automation and AI	Lab Session: Exploring AI with Argo and Marie in Cyberspace Practice Zone: AI Play	
July	24	Chp3. Applications of AI Story Time: AI in Everyday Life Applications of AI YouTube Video Suggestions Google Maps for Navigation Digital Assistants Self-driving Cars AI-assisted Fitness Apps AI in Music AI in Art AI Connect: Gemini Summary Cards in Gmail	Lab Session: Exploring Image Stylization Practice Zone: A.I. Duet	Periodic Test-I Syllabus: Chapter No.1,2
August	20	Chp4. Computer Vision Story Time: Exploring Computer Vision Domains of AI Domains Classified by Data Type Computer Vision Working of Computer Vision Applications of Computer Vision	Practice Zone: Creating Images with Artbreeder	
September	21	Chp5. Coding with MakeCode Arcade Story Time: Coding Adventure Coding Introduction to MakeCode Arcade Getting Started with MakeCode Arcade Variables Data Types	Lab Sessions: Changing Backgrounds and Moving Sprites Create a Program to Add Two Numbers Practice Zone: Multiply and Divide Two Numbers	Half Yearly Exam Syllabus: Chapter No.1,2,3,

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		Performing Operations on Variables		4,5
October	23	Chp6. Control Statements Story Time: Coding Journey Control Statements in MakeCode Arcade The if...else Statement Relational Operators Logical Operators Nested if Statements	Lab Session: Conditional Coding with if...else Practice Zone: Check Voting Eligibility	
November	15	Digital Citizenship Chp7. How You Present Yourself Online Story Time: Being Careful Online Digital Etiquette Digital Drama Recognising Digital Drama Impact of Digital Drama Strategies to Manage Digital Drama Do's and Don'ts of Online Communication	Practice Zone: Email Writing, Let us Watch it	
December	18	Robotics Chp8. Tinkering with Circuits Story Time: Discovering the World of Robots Building Blocks of Robots Analogy Between the Human Body and a Robot Tinkercad Overview of Arduino	Lab Sessions: Create a Circuit, Create a Virtual Traffic Light Circuit Practice Zone: Display a Smiley Face on Micro:bit in Tinkercad	
January	22	Chp9. Automatic Street Light System Story Time: Understanding the Street Light Problem — SDG 11 Design Thinking Automatic Street Light System Building and Testing the Automatic Street Light System	Lab Session: Build an Automatic Street Light Circuit Practice Zone: Traffic Light Model	Periodic Test-II Syllabus: Chapter No.6, 7
February	22	Revision		Yearly Exam Syllabus: Chapter No.6,7,8, 9
March	12			